



November 18, 2010

Ms. Kimberly Tisa, PCB Coordinator
U.S. Environmental Protection Agency Region 1
5 Post Office Square – Suite 100
Boston, Massachusetts 02109-3912

Re: Approval Modification Request No. 2, Addendum 1
Soil Remediation Plan – Buildings A, B, C
Peabody Terrace Housing Facility
900 Memorial Drive, Cambridge, Massachusetts

Dear Ms. Tisa:

On behalf of the President and Fellows of Harvard College (Harvard), Woodard & Curran has prepared this Addendum to the Soil Remediation Plan (Approval Modification Request No. 2) submitted to the United States Environmental Protection Agency (EPA) on November 11, 2010. This Addendum provides characterization data that was outstanding at the time of the November 11, 2010 submittal and an updated soil removal plan reflective of that data.

Characterization Data

As stated in Section 2.2.2 of the Soil Remediation Plan, the soil samples collected beneath asphalt walkways at the outer bounds of unpaved soil areas were reported with PCBs ≤ 1 ppm at four out of five locations. The Plan stated that at the location reported with PCBs > 1 ppm (PTA-CBS-W-1026; 1.48 ppm), additional characterization samples would be collected to define the limits of excavation. A subsequent sample collected beneath the asphalt four lateral feet west of this sample was reported with PCBs < 1 ppm (PTA-CBS-W-1028; 0.715 ppm); therefore, the extent of PCBs > 1 ppm has been delineated in this area. A revised Table 2-2 and Figure 2-2 Addendum are attached to this letter.

Soil Removal Plan

Based on the characterization sampling results presented above, soils in this area will initially be excavated to the horizontal and vertical extents as shown on the attached Figure 3-1 Addendum. Due to the layout of the proposed verification sampling grid and the limited increase in excavation area, there have been no changes to Figure 3-2 (Proposed Verification Sample Locations).

If you have any comments, questions, or require further information, please do not hesitate to contact me at the number listed above.

Sincerely,

WOODARD & CURRAN INC.

Jeffrey Hamel, LSP, LEP
Senior Vice President

Enclosure(s)

cc: Karen Sardone, Harvard
Chris Packard, JLL

Table 2-2
Soils Beneath Paved Surfaces - Analytical Data Summary
Peabody Terrace - Cambridge, Massachusetts

Sample ID	Sample Depth (inches bgs)	Ground Surface Cover	Sample Date	Aroclor	Laboratory Reporting Limit (mg/kg)	Concentration (mg/kg)
Soil Beneath Asphalt Walkways for Building Access						
PTA-CBS-W-0871	6 - 9	Asphalt	10/05/10	PCB-1254	0.036	0.355
				PCB-1260	0.036	0.674
PTA-CBS-W-0872	6 - 9	Asphalt	10/05/10	PCB-1254	0.036	ND
				PCB-1260	0.036	0.407
PTA-CBS-E-0893	12 - 15	Asphalt	10/05/10	PCB-1254	0.200	ND
				PCB-1260	0.200	2.56
PTA-CBS-E-0914	6 - 9	Asphalt	10/06/10	PCB-1254	0.040	ND
				PCB-1260	0.040	ND
PTA-CBS-E-0922	6 - 9	Asphalt	10/06/10	PCB-1254	0.400	ND
				PCB-1260	0.400	6.42
Soil Beneath Asphalt Walkways at Outer Bounds of Unpaved Soils						
PTB-CBS-S-0892	6 - 9	Asphalt	10/05/10	PCB-1254	0.033	ND
				PCB-1260	0.033	0.437
PTA-CBS-N-0926	6 - 9	Asphalt	10/06/10	PCB-1254	0.036	0.122
				PCB-1260	0.036	ND
PTB-CBS-N-0939	6 - 9	Asphalt	10/06/10	PCB-1254	0.033	0.147
				PCB-1260	0.033	0.162
PTC-CBS-N-0946	6 - 9	Asphalt	10/06/10	PCB-1254	0.033	0.3
				PCB-1260	0.033	ND
PTA-CBS-W-1026	6 - 9	Asphalt	11/03/10	PCB-1254	0.073	ND
				PCB-1260	0.073	1.48
PTA-CBS-W-1028	6 - 9	Asphalt	11/03/10	PCB-1254	0.036	ND
				PCB-1260	0.036	0.715
Soil Beneath Brick-Paved Areas						
PTX-CBS-E-0956	0 - 3	Brick	10/07/10	PCB-1254	0.036	0.074
				PCB-1260	0.036	ND

Notes:

1. All samples were extracted by USEPA Method 3540C (Soxhlet) and analyzed by USEPA Method 8082.
2. ND = Not detected above laboratory's minimum reporting limit, as indicated.
3. bgs = below ground surface.
4. mg/kg = milligrams per kilogram.
5. No Aroclors were detected besides Aroclor 1254 and Aroclor 1260.

LEGEND

D AREA OF PCBs >1 ppm

D AREA OF PCBs >50 ppm

L SAMPLE

L SAMPLE

APPING STONE
ITE 0 - 6"

IDENTIFIER

CBs ≤ 1.0 ppm

CBs > 1 AND < 10 ppm

CBs > 10 AND < 50 ppm

CBs ≥ 50 mg/kg

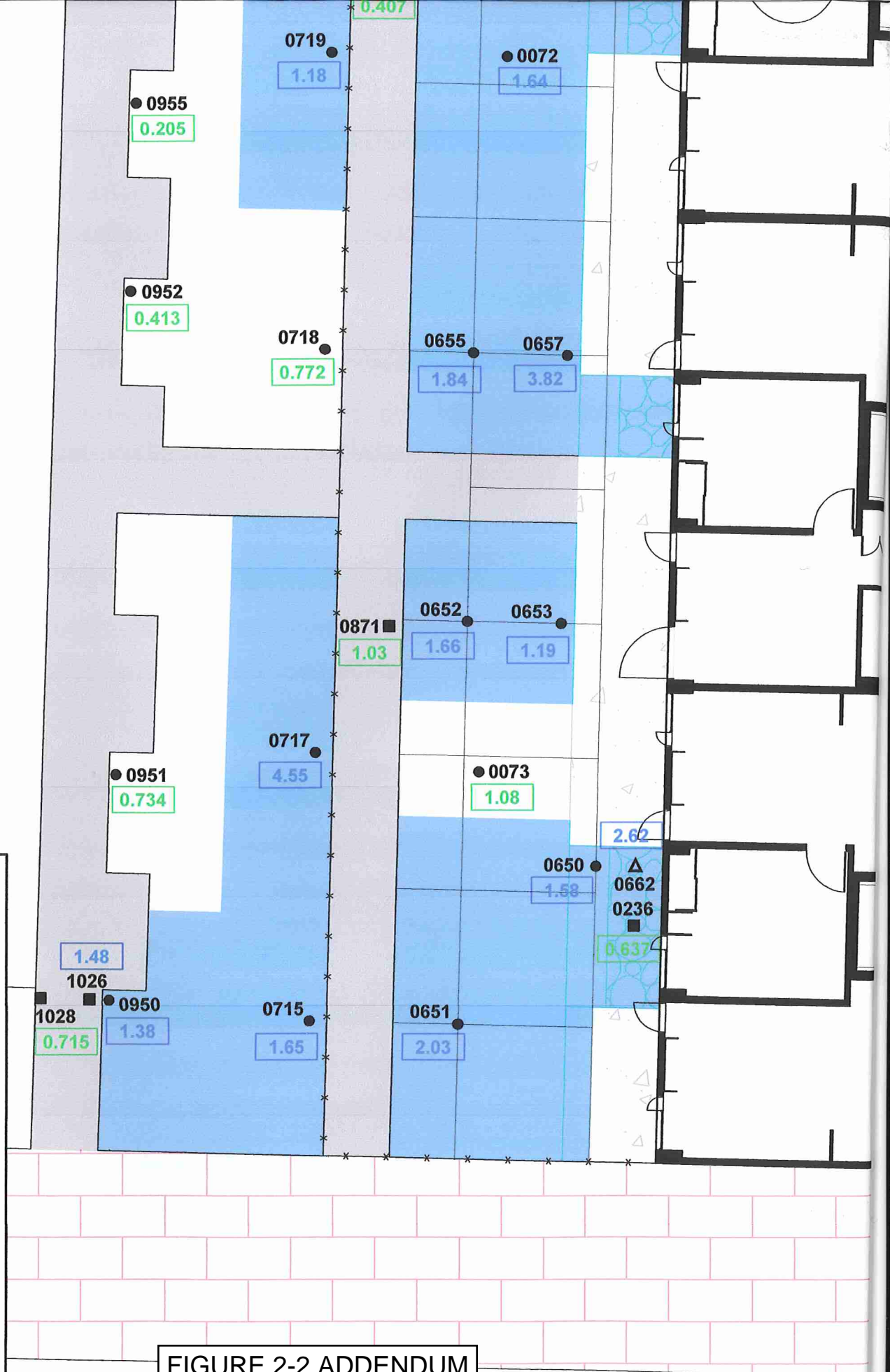


FIGURE 2-2 ADDENDUM
November 18, 2010



Revised Area
of Excavation

FIGURE 3-1 ADDENDUM
November 18, 2010